

GRAFTON
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	8.05	1	NC*	Male	5.00	7	140
Female	2.89	1	NC*	Female	3.94	3	NC*
Total	10.94	2	NC*	Total	8.93	10	112
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.78	2	NC*	Male	1.51	0	NC*
Female	2.34	3	NC*	Female	1.35	0	NC*
Total	5.12	5	98	Total	2.86	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.53	0	NC*	Male	6.65	13	195 #+
Female	49.26	46	93	Female	5.58	2	NC*
Total	49.78	46	92	Total	12.23	15	123
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.33	3	NC*	Male	5.44	4	NC*
				Female	2.52	1	NC*
				Total	7.97	5	63
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	20.37	9	44 ~-	Female	5.99	4	NC*
Female	18.61	20	107				
Total	38.98	29	74				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.96	2	NC*	Male	3.09	3	NC*
Female	0.95	1	NC*	Female	3.09	2	NC*
Total	3.91	3	NC*	Total	6.18	5	81
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.40	1	NC*	Male	49.14	65	132 #+
Female	1.09	1	NC*				
Total	2.48	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.79	7	146	Male	3.49	4	NC*
Female	2.78	3	NC*	Female	2.00	1	NC*
Total	7.58	10	132	Total	5.49	5	91
<u>Larynx</u>				<u>Testis</u>			
Male	2.89	2	NC*	Male	2.02	2	NC*

Female	0.80	1	NC*				
Total	3.69	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.59	3	NC*	Male	1.04	3	NC*
Female	2.63	4	NC*	Female	2.72	3	NC*
Total	6.22	7	112	Total	3.76	6	160
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.64	1	NC*				
Female	0.64	0	NC*	Female	9.43	4	NC*
Total	2.28	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	26.10	31	119	Male	163.92	173	106
Female	19.35	20	103	Female	152.15	138	91
Total	45.45	51	112	Total	316.07	311	98

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels